

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Tucson Country Club
2950 N. Camino Principal
Tucson, AZ 85715

File Number: 34998
Date Received: 9/12/2022
Date Reported: 9/14/2022

Submitted By: Soil and Water Consulting

Lab Number	0048
Description	TEE
	16

pH	7.8
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	251					
Chloride	25					
Nitrate (NO3-N)	2.1					
Bicarbonate	106.15					
Sulfur	19.43					
Phosphorus	1.43					
Calcium	22.61	1.13	25.56			
Magnesium	5.69	0.47	10.60			
Potassium	11.19	0.29	6.48			
Sodium	58.24	2.53	57.36			
TOTAL		4.41	100			
Boron	0.11					
Iron	9.55					
Manganese	0.16					
Copper	0.11					
Zinc	0.10					
Aluminum	16.81					
Ammonium (NH4-N)	1.7					
ESP (calculated)	2.84					
SAR (calculated)	2.83					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0049
Description	FAIRWAY
	16

pH	7.6
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	548					
Chloride	57					
Nitrate (NO3-N)	22.1					
Bicarbonate	111.23					

Sulfur	67.73					
Phosphorus	1.70					
Calcium	50.35	2.51	26.32			
Magnesium	8.39	0.69	7.23			
Potassium	22.04	0.56	5.91			
Sodium	132.92	5.78	60.55			
TOTAL		9.54	100			

Boron	0.17
Iron	2.38
Manganese	0.07
Copper	0.12
Zinc	0.06
Aluminum	3.93
Ammonium (NH4-N)	< 0.5

ESP (calculated)	5.19
SAR (calculated)	4.57

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0050			0051			
Description	GREEN			GREEN			
	7			16			
pH	7.8			7.8			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	234			368			
Chloride	23			44			
Nitrate (NO3-N)	0.6			4.1			
Bicarbonate	100.50			125.20			
Sulfur	20.25			40.55			
Phosphorus	1.78			2.42			
Calcium	18.09	0.90	24.68	28.30	1.41	23.58	
Magnesium	3.86	0.32	8.68	5.86	0.48	8.05	
Potassium	13.27	0.34	9.28	25.90	0.66	11.07	
Sodium	48.25	2.10	57.36	78.90	3.43	57.30	
TOTAL		3.66	100		5.99	100	
Boron	0.13			0.16			
Iron	2.71			1.71			
Manganese	0.17			0.13			
Copper	0.07			0.08			
Zinc	0.05			0.05			
Aluminum	3.36			2.39			
Ammonium (NH4-N)	< 0.5			2.2			
ESP (calculated)	2.63			3.79			
SAR (calculated)	2.69			3.53			

* Soluble Salts: mmhos/cm = ppm / 640